| Demo | Material | Unit Cost | Cost/kit | # To order | total cost | Supplier | Item Number | Link | Status | |
|---|---|---|---|---|---|---|---|---|---|---|
| General supplies | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Antenna Interactive | | | | | | | | | | |
| | Solar Cell | | | | | ADAfruit | 700 | | NEED TO ORDER | |
| | Clear Top Enclosure | $8.96 | 8.96 | 20 | 179.2 | Adafruit, | ID: 903 | http://www.adafruit.com/products/903 | on its way | |
| | Battery Holder | $1.76 | 1.76 | 20 | 35.2 | Adafruit | ID: 727 | http://www.adafruit.com/products/727 | on its way | |
| | Mirrors | | | | 35.95 | Educational innovations | | | | |
| | Speaker | 6.99 | 6.99 | 20 | 139.8 | Amazon | | http://www.amazon.com/Skque-Black-Mini-Hamburger-Speaker/dp/B0064V | on its way I found more! | |
| | Sinta | | | ? | | | | | on its way | |
| Binary Encoder | | | | | | | | | | |
| | Bright Brass Hinges | $3.95 | 23.7 | 100 | 395 | McMaster | 1603A7 | | D | |
| | Brass Screws | 4.7 | 100 per pack. | 6 | 28.2 | McMaster | 92114A106 | | D | |
| | Sintra | | | | | | | | on its way | |
| Stand | | | | | | | | | | |
| | ProLine PL53 Tabletop Sheet Music Stand Black | $20 | 20 | | 400 | ProLine/Amazon | | http://www.amazon.com/ProLine-PL53-Tabletop-Sheet-Music/dp/B003XDQ | on its way | |
| | Magnetic Sheet | 8.03 | 8.03 | 20 | | McMaster | 5775K17 | | D | |
| TouchScreen(DS) | | | | | | | | | | |
| | Nylon Socket Head Cap Screw, 1/4"-20 Thread, 1-1/8" Length | 8.9 | 100 per pack. 6 per Kit | 2 | 17.8 | McMaster | 95868A739 | | D | |
| | Nylon 6/6 Acorn Nut, Off-White, 1/4"-20 Thread Size, 27/64" Width, 15/32" Height | 9.7 | 100 per pack. 6 per kit | 2 | 19.4 | McMaster | 94922A029 | | D | |
| | Plain Grade 8 Steel Hex Nut, 1/4"-20 Thread Size, 7/16" Width, 7/32" Height | 2.97 | 100 per pack. 6 per Kit | 2 | 5.94 | | 90499A029 | | D | |
| | 18-8 Stainless Steel Type A SAE Flat Washer, 1/4" Screw Size, 5/8" OD, .05"-.08" Thick | 4.78 | 50 per pack. 6 per kit | 3 | 14.34 | McMaster | 96659A106 | | D | |
| | DS Screen | 9.95 | 9.95 | 20 | 199 | sparkfun | | https://www.sparkfun.com/products/8977 | on its way | |
| | sparkfun DS Adaptor | 3.95 | 3.95 | 20 | 199 | sparkfun | | https://www.sparkfun.com/products/9170 | on its way | |
| | Styrene I-Beam 1/8" | 4.19 | 4 per pack. 1 per kit | 6 | 25.14 | | | http://www.modeltrainstuff.com/Plastruct-HFS-4-Fineline-Styrene-H-Column-1-8-p/pls-90543.htm | NEED TO ORDER | |
| | Battery Holder | $1.76 | $1.76 | 20 | 35.2 | Adafruit | ID: 727 | http://www.adafruit.com/products/727 | On its way | |
| | Sintra | | | | | | Good! | | On its way | |
| TouchScreen | | | | | | | | | | |
| | Green LED | 0.45 | 0.45 | 20 | 9 | Sparkfun | **COM-10633** | https://www.sparkfun.com/products/1063 | On its way | |
| | Battery Holder | $1.76 | $1.76 | | 35.2 | Adafruit | ID: 727 | http://www.adafruit.com/products/727 | On its way | |
| | | | | | | | | | | |
| | Sintra | | | | ? | | GOOD! | | | |
| | Rubber Grommets | 5.83 | 100 per pack. 4 per kit | 2 | | McMaster | 9600K25 | | D | |
| | Optically Clear Cast Acrylic Sheet, 1/16" Thick, 12" x 12" | 4.99 | 4 per panel. 1 per kit | 5 | 24.95 | Mcmaster | 8560K171 | | Might need to re-order. I got the wrong stuff | |
| | Nylon 6/6 Acorn Nut, Off-White, 1/4"-20 Thread Size, 27/64" Width, 15/32" Height | 9.7 | 100 per pack. 4 per kit | 1 | 9.7 | McMaster | 94922A029 | | D | |
| | Nylon Socket Head Cap Screw, 1/4"-20 Thread, 3/4" Length | 7.18 | 100 per pack. 4 per kit | 1 | 7.18 | McMaster | 95868A742 | | D | |
| | 18-8 Stainless Steel Type A SAE Flat Washer, 1/4" Screw Size, 5/8" OD, .05"-.08" Thick | 4.78 | 50 per pack. 4 per kit | 2 | 9.56 | Mcmaster | 96659A106 | | D | |
| | Pan Head Phillips Machine Screw with Split Washer, Zinc-Plated Steel, 6-32 Thread, 1/2" Length | 6 | 100 per pack 2 per kit | 1 | 6 | Mcmaster | 93405A148 | | D | |
| | | | | | | | | | | |
| | Grade 2 Steel Nylon-Insert Thin Hex Locknut, Zinc-Plated, 6-32 Thread Size, 5/16" Width, 1/8" Height | 2.39 | 100 per pack 2 per kit | 1 | 2.39 | Mcmaster | 90633A007 | | D | |
| | Lightweight Alloy 3003 Aluminum Perforated Sheet, 36" x 40", .125" Hole Diameter, 40% Open Area, .032" Thickness | 39.2 | | 2 | 78.4 | Mcmaster | 9232T121 | | D | |
| Screen Orientation | | | | | | | | | | |
| | Sintra | | | | | | GOOD | | on its way | |
| | Sheet metal (.73 mm) | | | | | | | | | |
| | Zinc-Plated Steel Pan Head Phillips Machine Screw, 10-32 Thread, 3/4" Length | 5.47 | 100 per pack 2 per kit | 1 | 5.47 | McMaster | 90272A831 | | D | |
| | (Nut small) Zinc-Plated Steel Undersized Machine Screw Hex Nut 10-32 Thread Size, 5/16" Width, 7/64" Height | 6.87 | 100 per pack 2 per kit | 1 | 6.87 | McMaster | 90760A411 | | D | |
| | Black Finish Steel Serrated Belleville Washer, Number 6/M3.5 Screw Size, .24" OD, .02" Thick | 6.5 | 100 per pack 2 per kit | 1 | 6.5 | McMaster | 93501A007 | | D | |
| | Plain Grade 8 Steel Hex Nut, 1/4"-20 Thread Size, 7/16" Width, 7/32" Height | 2.97 | 100 per pack. 2 per Kit | 1 | 2.97 | | 90499A029 | | D | |

| Demo | Material | Unit Cost | Cost/kit | # To order | total cost | Supplier | Item Number | Link | Status | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Zinc-Plated Steel Pan Head Phillips Machine Screw, 1/4" -20 Thread, 1-3/4" Length | 8 | 50 per Pack. 2 per kit | 1 | 8 | McMaster | 90272A547 | | D | |
| | Alloy Steel Dowel Pin, 3/8" Diameter, 3-1/2" Length | 11.37 | 5 per pack. 1 per kit | 4 | 45.48 | Mcmaster | 98381A638 | | D | |
| | Set Screw Shaft Collar for 3/8" Diameter, Black-Oxide Steel | 1.02 | 1.02 | 20 | 20.4 | Mcmaster | 9414T8 | | D | |
| | Copper Tape | 2.95 | | 1 | 2.95 | Sparkfun | PRT-10561 | https://www. sparkfun. com/products/1056 | On its way | |
| | Super-Adhesive Back General Purpose Hook&Loop, 1" Width x 30'Length, Black | 39.09 | | 1 | 39.09 | Mcmaster | 94985K814 | | D | |
| | | | | | | | | | | |
| | Battery Holder | $1.76 | $1.76 | 20 | 35.2 | Adafruit | ID: 727 | http://www. adafruit. com/products/727 | on its way | |
| Display (Pixel) | | | | | | | | | | |
| | Pocket Microscope | $9.6 | | | | Amazon / Carson | | http://www. amazon. com/Carson-Microbrite-20X-40X-Lighted-Microscope/dp/B00 | On its way | |
| | Carson Optical Lumiloupe 17.5X Power Magnifier | $8.21 | | | | Amazon / Carson | | http://www. amazon. com/Carson-Optical-Lumiloupe-17-5X-Magnifier/dp/B001J | On its way | |
| | | | | | | | | | | |
| Display (ColorWheel) | | | | | | | | | | |
| | Potentiometers | $0.95 | $2.85 | 60 | 75 | Sparkfun | COM-09939 | https://www. sparkfun. com/products/9939 | on its way | |
| | Black Knob - 15x19mm) | $0.95 | $2.85 | 60 | 75 | Sparkfun | COM-09998 | https://www. sparkfun. com/products/9998 | On its way | |
| | | | | | | | | | | |
| | RGB LED | | | | | Mouser | 604-WP154A4-RGB | http://www. mouser. com/ProductDetail/ | NEED TO ORDER | |
| | Battery Holder | $1.76 | $1.76 | 20 | 35.2 | Adafruit | ID: 727 | http://www. adafruit. com/products/727 | On its way | |
| | | | | | | | | | | |
| | Nylon Socket Head Cap Screw, 1/4"-20 Thread, 1-1/8" Length | 8.9 | 100 per pack. 4 per Kit | 1 | 8.9 | McMaster | 95868A739 | | D | |
| | Nylon 6/6 Acorn Nut, Off-White, 1/4"-20 Thread Size, 27/64" Width, 15/32" Height | 9.7 | 100 per pack. 4 per kit | 1 | 9.7 | McMaster | 94922A029 | | D | |
| | Plain Grade 8 Steel Hex Nut, 1/4"-20 Thread Size, 7/16" Width, 7/32" Height | 2.97 | 100 per pack. 4 per Kit | 1 | 2.97 | McMaster | 90499A029 | | D | |
| | | | | | | | | | | |
| Printing | | | | | | | | | | |
| | FedEx prototype printing | | | | 19.44 | | | | | |
| | | | | | 16.14 | | | | | |
| | | | | | 431.52 | | | | | |